



October 3, 2008

Gary J. Gaffney, P.E. Idaho Department of Environmental Quality 2110 Ironwood Parkway Coeur d'Alene, ID 83814

Subject:

65% Drawings and Cost Estimate, Wastewater Treatment Facilities, City of

Plummer

Dear Mr. Gaffney:

We've incorporated your design report comments into the project design, and have produced a set of 65% full-sized drawings for your preliminary review. These drawings are preliminary, not for construction and are therefore unstamped and unsigned.

As well as the rest of the plan set, please note that the C4 section includes piping that is still very much a work in progress. We have deliberately left off the pipe crossings in the profiles, as these are being revised with slight modifications to the alignments. An overall site piping plan is also in the works that will show the main plant site piping with reference to the break-down to the individual plan and profile sheets.

As we discussed on Monday, September 29<sup>th</sup> and later sent in a letter addressing your last design report comments, we are covering the concrete basins to address IDAPA 58.01.16 setback requirements for aeration basins and clarifiers. We have elected to use vented floating covers. Vents will be directed to the north, away from the Trail of the Coeur d'Alenes and adjacent residential property. The nearest point of an aeration basin or clarifier to a residential-zoned property line is 110 feet, well in excess of the required 50 feet for totally inclosed facilities. The nearest point of any process or pumping related improvements to a residential-zoned property line is 99 feet, which is between the southwest corner of the effluent lift station and the northeast corner of lot 24. Seldor Addition.

We have also completed a 65% level construction cost estimate, a copy of which is also attached. It has been prepared using ISPWC specifications as a pay item guideline. The current estimated cost, including a 10% contingency, is \$5,983,376.96, well within our funded construction allocation of \$6,468,361.86.

To keep us on schedule, we would greatly appreciate your comments as soon as possible. At the latest, we need them by Monday, November 17, 2008, to incorporate

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them into our 95% set, due to the City on December 5, 2008. I suggest that perhaps we set a meeting date, tentatively, for November 17, 2008 to jointly review the plans.

Sincerely, **USKH Inc.** 

Alan E. Gay, P.E., Associate

**Project Manager** 

Attachments:

65% Design Plans for Wastewater Treatment Facilities for the City

of Plummer – Full Size

c: Donna Spier, City of Plummer, P.O. Box B, Plummer, ID 83851 (1/2 size plans)
Jim Kackman, Public Works Director, Coeur d'Alene Tribe, P.O. Box 408,
Plummer, ID 83851 (1/2 size plans)

Scott Fields, Water Quality Program Director, Coeur d'Alene Tribe, P.O. Box 408, Plummer, ID 83851 (1/2 size plans)

Susan Poulsom, EPA Region 10, 1200 Sixth Avenue, Seattle, WA 98101 (w/o plans)